

Title (en)

HOT-DIP AL-PLATED STEEL SHEET AND METHOD FOR PRODUCING SAME

Title (de)

FEUERVERZINKTES AL-PLATTIERTES METALLBLECH UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

TÔLE D'ACIER ALUMINISÉE PAR IMMERSION À CHAUD ET PROCÉDÉ POUR LA PRODUIRE

Publication

EP 3450587 B1 20200219 (EN)

Application

EP 16893561 A 20160818

Priority

- JP 2016048879 A 20160311
- JP 2016074058 W 20160818

Abstract (en)

[origin: EP3450587A1] Provided is (i) a hot-dip Al-based alloy-coated steel sheet which includes a coated layer having a surface on which fine spangles are stably and sufficiently formed and which has a beautiful surface appearance due to the fine spangles thus formed on the surface of the coated layer, and (ii) a method of producing such a hot-dip Al-based alloy-coated steel sheet. The hot-dip Al-based alloy-coated steel sheet includes: a substrate steel sheet; and a hot-dip aluminum-based alloy coated layer which is formed on a surface of the substrate steel sheet and which contains boron at an average concentration of not less than 0.005 mass% and contains potassium at an average concentration of not less than 0.0004 mass%.

IPC 8 full level

C23C 2/12 (2006.01); **C23C 2/40** (2006.01); **C22C 21/00** (2006.01)

CPC (source: EP KR US)

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